

NEO Synthetics

{PERFORMANCE UNDER PRESSURE}

5W20, 5W30, 5W40, 10W30, 15W50



Product Data Sheet – NEO Synthetics High Performance Motor Oils

- Exceeds all of today's requirements for severe high- performance racing engines
- Extra levels of Performance additives to protect the valve train under extreme conditions.
- Outstanding thermal and oxidation stability.
- ZDDP additive provides tough Anti-wear protection.
- Lowers oil vaporization and consumption at extreme temperatures.
- Reduced fuel consumption.
- Fights wear of vital, closely fitting engine parts.
- Reduces formation of sludge and varnish deposits.

Introduction:

NEO High Performance Motor Oils are fully formulated based on NEO's chemical technology. NEO High Performance Motor oils operate with more stamina due to the composition or their friction modifiers, resulting in greater frictional reducing properties and lower fuel consumption

Product Description:

NEO Synthetic Oils are premium fully synthetic motor oils that are formulated specially with the highest synthetic base oils and enhanced with the most up to date and advanced additive technology for the ultimate performance. NEO Synthetic Oils provide protection under the most severe service conditions and meet the performance requirements of virtually all naturally aspirated, turbocharged, and supercharged passenger cars operating in North America including European and Japanese passenger cars. NEO Synthetic Oil has formulated its oils to provide outstanding engine protection in its high performance engine oils for the customer who wants higher anti-wear performance (ZDDP) than typically required by modern vehicles.

| API ACEA | SM/CF | SM/CF | SM/CF | SM/CF | SUSJ/CF |
|--|-------|-------|--------------|-------|---------|
| | A1-02 | A1-02 | A2-96, A3-02 | A3 | |
| VISCOSITY, ASTM D 445 | | | | | |
| est@ 40· c | 47.4 | 61 | 89 | 66.1 | 138 |
| cSt@ 100· c | 8.9 | 11 | 14.5 | 10.7 | 18 |
| VISCOSITY INDEX, ASTM D 2270 SULFATED ASH, wt%, ASTM D | 171 | 169 | 170 | 148 | 145 |
| 874 | 1 | 1 | N/A | 1 | 1.13 |
| HTHS VISCOSITY, mPa·s | 2.7 | 3.1 | NIA | 3.1 | 4.6 |
| @ 150° C ASTM D 4683 | | | | | |
| POUR POINT, °C, ASTM D 97 | -51 | -48 | -39 | -45 | -42 |
| FLASH POINT, °C, ASTM D 92 | 235 | 230 | 230 | 230 | 228 |
| DENSITY @ 15° C kg/l, ASTM D | | | | | |
| 4052 | 0.86 | 0.86 | 0.86 | 0.86 | 0.87 |